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RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/714,820
Source: FWO
Date Processed by STIC: 1/30/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry directly to (EFFECTIVE 12/01/03):**
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202**

Revised 10/08/03

RAW SEQUENCE LISTING DATE: 01/30/2004
PATENT APPLICATION: US/10/714,820 TIME: 12:16:20

Input Set : D:\SONN043.txt
Output Set: N:\CRF4\01292004\J714820.raw

3 <110> APPLICANT: BERENYI, MARIA
4 BURG, KORNEL
5 GICHUKI, SIMON T.
6 SCHMIDT, JOSEF
8 <120> TITLE OF INVENTION: METHOD FOR ANALYZING DNA OF SWEET POTATO
10 <130> FILE REFERENCE: SONN:043US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/714,820
13 <141> CURRENT FILING DATE: 2003-11-17
15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/05216
16 <151> PRIOR FILING DATE: 2002-05-13
18 <150> PRIOR APPLICATION NUMBER: A 777/2001
19 <151> PRIOR FILING DATE: 2001-05-16
21 <160> NUMBER OF SEQ ID NOS: 35
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 195
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
32 Primer
34 <400> SEQUENCE: 1
35 gaggggaagt gtaggactc ttagtctaga ctacttctag tattactata cttctacata 60
36 ttgtatttat atttctcctg tgtaattgtg tacgactgat atacagaatt attcaatcct 120
37 aatcaatgtc atagcaacat agaactcaag aaagaaatga gcggagaggt aatgagggtt 180
38 tactcaggac tcatac 195
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 10
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
47 Primer
49 <400> SEQUENCE: 2
50 taagactaag 10
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 18
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
59 Primer
61 <400> SEQUENCE: 3

4,6
Does Not Comply
Corrected Diskette Reader

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/714,820

DATE: 01/30/2004

TIME: 12:16:20

Input Set : D:\SONN043.txt

Output Set: N:\CRF4\01292004\J714820.raw

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62 agactaagag tcctaaca                                18
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 19
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
71     Primer
73 <400> SEQUENCE: 4
74 agactaagag tcctaacag                                19
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 19
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
83     Primer
W--> 84 <400> SEQUENCE: 5
85 agactaagag tcctaacat                                19
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 19
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
94     Primer
96 <400> SEQUENCE: 6
97 agactaagag tcctaacaa                                19
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 20
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
106     Primer
108 <400> SEQUENCE: 7
109 agactaagag tcctaacagc                                20
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 20
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
118     Primer
120 <400> SEQUENCE: 8
121 agactaagag tcctaacaga                                20
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 20
125 <212> TYPE: DNA

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RAW SEQUENCE LISTING

DATE: 01/30/2004

PATENT APPLICATION: US/10/714,820

TIME: 12:16:20

Input Set : D:\SONN043.txt

Output Set: N:\CRF4\01292004\J714820.raw

126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
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130 Primer
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133 agactaagag tcctaacagg 20
135 <210> SEQ ID NO: 10
136 <211> LENGTH: 20
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
142 Primer
144 <400> SEQUENCE: 10
145 agactaagag tcctaacata 20
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 20
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
154 Primer
156 <400> SEQUENCE: 11
157 agactaagag tcctaacatg 20
159 <210> SEQ ID NO: 12
160 <211> LENGTH: 20
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
166 Primer
168 <400> SEQUENCE: 12
169 agactaagag tcctaacatc 20
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 20
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
178 Primer
180 <400> SEQUENCE: 13
181 agactaagag tcctaacaaa 20
183 <210> SEQ ID NO: 14
184 <211> LENGTH: 20
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
190 Primer

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/714,820

DATE: 01/30/2004
TIME: 12:16:20

Input Set : D:\SONN043.txt
Output Set: N:\CRF4\01292004\J714820.raw

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193 agactaagag tcctaacaag 20
195 <210> SEQ ID NO: 15
196 <211> LENGTH: 20
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
202 Primer
204 <400> SEQUENCE: 15
205 agactaagag tcctaacaac 20
207 <210> SEQ ID NO: 16
208 <211> LENGTH: 17
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
214 Primer
216 <400> SEQUENCE: 16
W--> 217 mcnachaarc ayathga ) see error explanation on p.6 17
219 <210> SEQ ID NO: 17
220 <211> LENGTH: 17
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
226 Primer
228 <400> SEQUENCE: 17
W--> 229 gcnayatny tnaamaa see p.6 17
231 <210> SEQ ID NO: 18
232 <211> LENGTH: 17
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
238 Primer
240 <400> SEQUENCE: 18
241 gactgcgtac caattca 17
243 <210> SEQ ID NO: 19
244 <211> LENGTH: 17
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250 Primer
252 <400> SEQUENCE: 19
253 ctcgtagact gggtacc 17
255 <210> SEQ ID NO: 20
256 <211> LENGTH: 15

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RAW SEQUENCE LISTING

DATE: 01/30/2004

PATENT APPLICATION: US/10/714,820

TIME: 12:16:20

Input Set : D:\SONN043.txt

Output Set: N:\CRF4\01292004\J714820.raw

257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
262 Primer
264 <400> SEQUENCE: 20
265 aattggtacg cagtc 15
268 <210> SEQ ID NO: 21
269 <211> LENGTH: 19
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
275 Primer
277 <400> SEQUENCE: 21
278 gactgcgtac caattcaag 19
280 <210> SEQ ID NO: 22
281 <211> LENGTH: 19
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
287 Primer
289 <400> SEQUENCE: 22
290 gactgcgtac caattcact 19
292 <210> SEQ ID NO: 23
293 <211> LENGTH: 16
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
299 Primer
301 <400> SEQUENCE: 23
302 gacgatgagt cctgag 16
304 <210> SEQ ID NO: 24
305 <211> LENGTH: 14
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
311 Primer
313 <400> SEQUENCE: 24
314 tactcaggac tcat 14
316 <210> SEQ ID NO: 25
317 <211> LENGTH: 17
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/714,820

DATE: 01/30/2004

TIME: 12:16:21

WNA explanation

Input Set : D:\SONN043.txt

Output Set: N:\CRF4\01292004\J714820.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:16; N Pos. 3,6

Seq#:17; N Pos. 3,9,12,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/714,820

DATE: 01/30/2004

TIME: 12:16:21

Input Set : D:\SONN043.txt

Output Set: N:\CRF4\01292004\J714820.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:84 M:283 W: Missing Blank Line separator, <400> field identifier
L:217 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:16
L:217 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:16
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:229 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:17
L:229 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:17
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0